

JULY 23, 1986

TO: Technical Memo to File

From: James S. Leatherwood, Reclamation Soils Specialist *JS*

RE: Reclamation Plan, Fertilizer Recommendation, Interstate
Brick Company, White Mountain, ACT/001/005, Beaver County,
Utah

On July 16, 1986 Interstate Bricks representative, Lance Jackson, and Division personnel Dave Cline, Randy Harden, Sue Linner and James Leatherwood visited the White Mountain Kaolinite Mine. At this time, Interstate Brick is planning to reclaim the mine site. Mr. Jackson requested Division recommendation's. Based on this field site visit and soil data submitted July 18, 1986, I recommend the following fertilizer program:

188 lbs/ac Diammonium phosphate (21-53-0) (granular)
Broadcast at time of seeding

This fertilizer scheme would effectively apply 99.6 and 39.5 pounds per acre of phosphorous and nitrogen, respectfully. The phosphorous recommendation by USU Soils Labrotory was increased to four times the recommended rate. Due to the inherent high calcium content of the soil material, over 80 percent of the phosphorous will become tied-up in a temporary unavaiable form. However, future phosphorous availability will be maintained because of the increased rate of recommended fertilizer application. The small amount of applied nitrogen will help increase the growth and vigor of the seedlings.

cc Sue Linner

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